

[54] **ORGANO-TITANATE GELLATION OF EPOXY RESIN COATED ARTICLES**

[52] U.S. Cl. **427/116**; 427/333;
427/340; 427/341; 427/386; 427/430.1;
427/435

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[57] **ABSTRACT**

An article, such as a mica wrapped coil, a dynamo-electric machine component containing mica wrapped coils, or a metal substrate, is insulated by: (A) applying wet epoxy resin to the article, (B) contacting the wet epoxy resin with a titanate solution, for a time effective to form a resin impervious, gelled epoxy skin on the surface of the epoxy resin, where the titanate solution consists essentially of organo-titanate and an organic, non-polar solvent, where the weight ratio of organo-titanate:organic non-polar solvent is from 1:2.5 to 1:99, and (C) curing the epoxy resin.

[21] Appl. No.: 331,429

[22] Filed: Dec. 16, 1981

Related U.S. Application Data

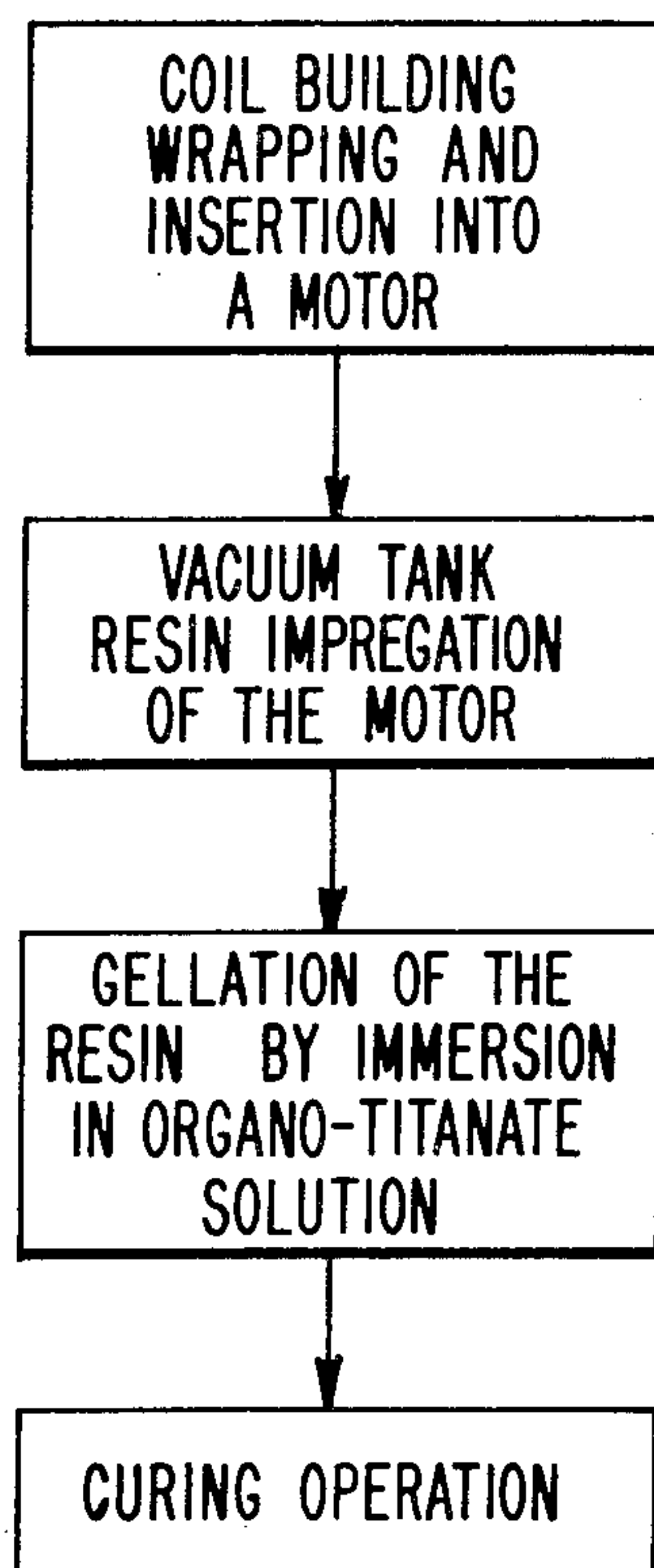
[63] Continuation of Ser. No. 967,808, Dec. 8, 1978, abandoned.

10 Claims, 1 Sheet Drawing,

24 Pages Specification

[51] Int. Cl.³ B05D 5/12

The file of this unexamined application may be inspected and copies thereof may be purchased (849 O.G. 1221, Apr. 9, 1968).



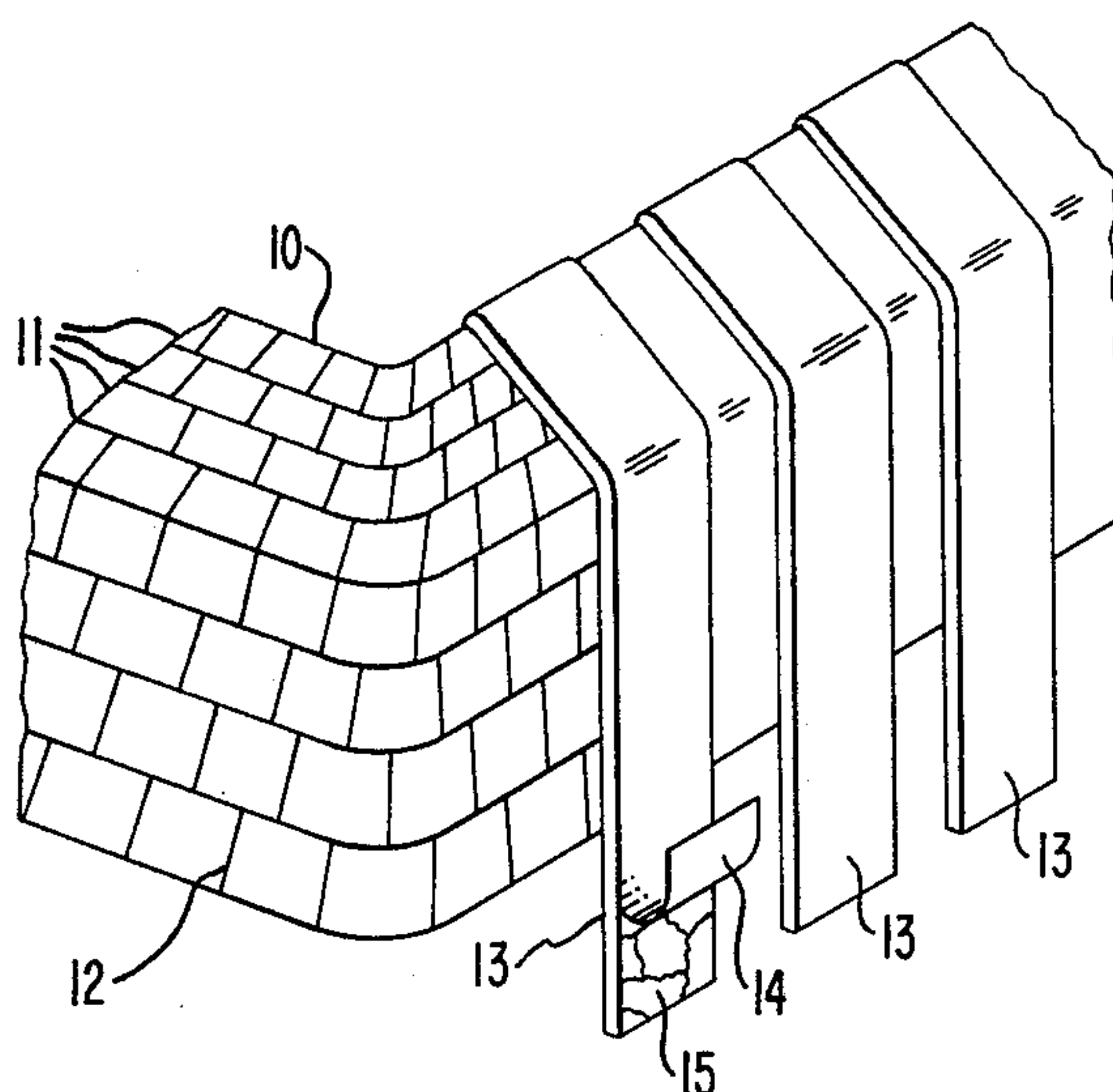


FIG. 1

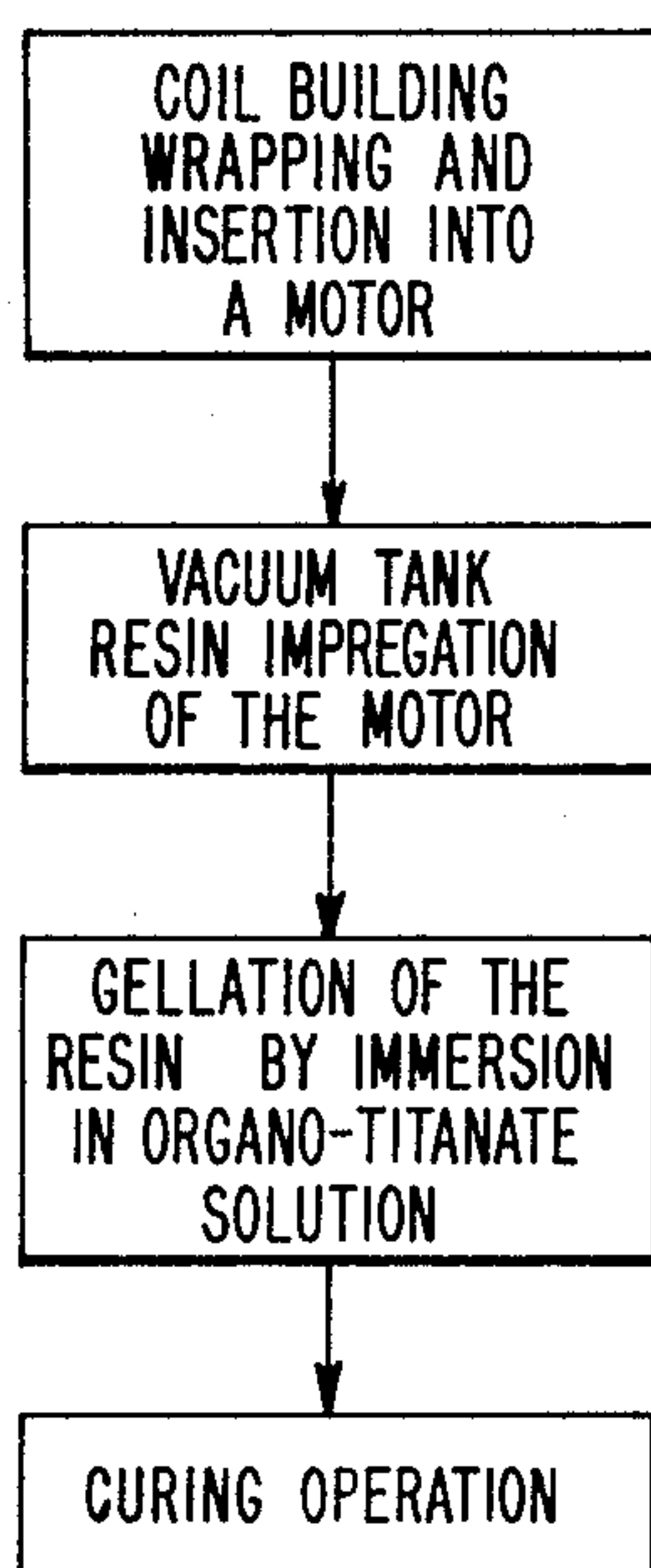


FIG. 2